FORM PTO-1	449 (Modified)		ATTY. DOCKET NO. SERIAL NO. Unassigned 10 7			10/706061		
	ENTS AND PUBLICAT S INFORMATION DISC		APPLICANT: Kangguo CHENG, et al.					
(Use several sl	neets if necessary)		FILING DATE: 11 13	FILING DATE: 111303 GROUP: 2812 Concurrently Herewith Unassigned				
REFERENCE D	DESIGNATION	U.S. PA	TENT DOCUMENTS					
EXAMINER INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROA)		
SDI	6,228,694 B1	5/8/2001	Doyle et al.					
	6,406,973 B1	6/18/2002	Lee					
	6,281,532 B1	8/28/2001	Doyle et al.					
	5,683,934	11/4/97	Candelaria					
	6,368,931 B1	4/9/2002	Kuhn, et al.					
	5,310,446	5/10/94	Konishi et al.			/		
	4,853,076	8/1/89	Tsaur et al.					
	US 2002/0090791 A1	7/11/2002	Doyle et al.					
	US 2002/0074598 A1	6/20/2002	Doyle et al.					
	6,509,618 B2	7/21/2003	Jan et al.		X			
	6,476,462 B2	11/5/2002	Shimizu et al.					
	6,362,082 B1	3/26/2002	Doyle et al.					
	6,228,694 B1	5/8/2001	Doyle et al.					
	5,565,697	10/15/96	Asakawa et al.					
	US 2003/0040158 A1	2/27/2003	Saitoh	. /				
	US 2002/0086472 A1	7/4/2002	Roberds et al.					
	6,521,964 B1	2/18/2003	Jan et al.					
	6,506,652	01/14/03	Jan, et al.					
•		FOREIGN 1	PATENT DOCUMENTS					
	DOCUMENT				,	TRANSLATION		
	NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	YES NO		
,	OTHER	ART (Including A	uthor, Title, Date, Pertinen	t Pages, et	e.)_			
	-							
EXAMINER	Stanetta de	gal	DATE CONSIDEREI	12,	14/04			
EXAMINER: In	nitial if reference conside	ered, whether or not	citation is in conformance w	rith MPEP	609. Draw line	through citation if		

FORM PTO-144			ATTY. DOCKET NO FIS9-2003-0240).	SERIAL NO. 70/70606/				
	NTS AND PUBLICA INFORMATION DIS		APPLICANT: Kangguo CHENG, et						
(Use several she	ets if necessary)		FILING DATE: 11 Concurrently Herewit	FILING DATE: 11/3/03 GROUP: 28/2 Concurrently Herewith Unassigned					
REFERENCE DE	ESIGNATION	U.S. PA	ATENT DOCUMENTS	ENT DOCUMENTS					
EXAMINER INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPRO.)			
SDF	5,081,513	1/14/1992	Jackson, et al.						
	3,602,841	8/31/1971	McGroddy			/			
	6,531,740	3/11/2003	Bosco, et al.	+					
	6,531,369	3/11/2003	Ozkan, et al.	 \		-/			
	6,501,121	12/31/2002	Yu, et al.		\	/			
	6,498,358	12/24/2002	Lach, et al.			/			
	6,493,497	12/10/2002	Ramdani, et al.						
	6,403,975	6/11/2002	Brunner, et al.		+				
	6,361,885	3/26/2002	Chou		$+$ \wedge				
	6,255,169	7/3/2001	Li, et al.		 / \				
	6,246,095	6/12/2001	Brady, et al.	_	1/	\			
	6,165,383	12/26/2000	Chou		/				
	6,133,071	10/17/2000	Nagai		/				
	6,046,464	4/4/2000	Schetzina	 					
	6,025,280	2/15/2000	Brady, et al.	1/		1			
		FOREIGN	PATENT DOCUMENTS	5					
	DOCUMENT					TRANSLATION			
	NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	YES NO			
	ОТНЕ	R ART (Including)	Author, Title, Date, Pertin	nent Pages, of					
	1								
EXAMINER	tanetta s	2000	DATE CONSIDER	12/4	Jrs.				
GYAMINIED. 1-2				——————————————————————————————————————					
not in conformanc	uai ii reference consi e <u>and</u> not considered.	uerea, whether or no Include copy of thi	ot citation is in conformance is form with next communic	e with MPEP cation to appli	609. Draw line t	through citation i			

FORM PTO-14	49 (Modified)		ATTY. DOCKET NO. FIS9-2003-0240	ATTY. DOCKET NO. SERIAL N FIS9-2003-0240 Unassigne					
	NTS AND PUBLICA INFORMATION DIS		APPLICANT:						
(Use several she	eets if necessary)		FILING DATE: (Concurrently Herewith						
REFERENCE DI	ESIGNATION	U.S. PA	ATENT DOCUMENTS						
EXAMINER INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING I			
SDI	5,940,736	8/17/1999	Brady, et al.						
	5,880,040	3/9/1999	Sun, et al.						
	5,861,651	1/19/1999	Brasen, et al.		<u>-</u> -	 			
	5,679,965	10/21/1997	Schetzina			/			
	5,670,798	9/23/1997	Schetzina	 		/			
	5,561,302	10/1/1996	Candelaria		\				
	5,471,948	12/5/1995	Burroughes, et al.						
	5,459,346	10/17/1995	Asakawa, et al.		$+$ \/ $-$				
	5,391,510 2/21/1995		Hsu, et al.		-1 λ		-		
	5,371,399	12/6/1994	Burroughes, et al.		//				
	5,108,843 4/28/1992		Ohtaka, et al.						
	5,060,030	10/22/1991	Hoke	- /	/ 				
	4,958,213	9/18/1990	Eklund, et al.	 					
	4,665,415	5/12/1987	Esaki, et al.	+/		\ \ \ \ \ \ \ \ \ \ \ \ \ 			
				- /	· · ·		-		
				<u> </u>					
		FOREIGN	PATENT DOCUMENTS						
	DOCUMENT					TRANSLATION			
	NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	YES	NO		
•					<u></u>				
	OTHE	RART (Including	Author, Title, Date, Pertin	ent Pages, e	tc.)				
EXAMINER	1/		DATE CONSIDER	ED	. /				
J. J.	anetta (Baac		12	14/02				
EXAMINER: In	itial if reference consi	dered, whether or n	ot citation is in conformance	with MPEP	609. Draw line	through ci	ation if		
			nis form with next communic						

FORM PTO-1449 (Modified)			ATTY. DOCKET NO. FIS9-2003-0240				6061		
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT				APPLICANT: Kangguo CHENG, et al.					
(Use several sheets if necessary)				FILING DATE: 1/13/63 GROUP: 28/2 Concurrently Herewith Unassigned					
REFERENCE DI	ESIGNATION	U.S. 1	PATE	ENT DOCUMENTS					
EXAMINER DOCUMENT NUMBER DATE			NAME	CLASS	S SUBCLASS		DATE PRO.)		
SDI	5,989,978	11/23/1999		Peidous					
	6,284,626	9/4/2001		Kim					
	6,274,444	8/14/2001		Wang					
	6,261,964	7/17/2001		Wu, et al.					
	6,221,735	4/24/2001		Manley, et al.			7		
	6,117,722	9/12/2000		Wuu, et al.			7		
	6,107,143	8/22/2000		Park, et al.					
	6,090,684	7/18/2000		Ishitsuka, et al.					
	6,066,545	5/23/2000		Doshi, et al.					
	6,008,126	12/28/1999	Leedy			$\sqrt{}$			
	5,946,559	8/31/1999		Leedy					
	5,840,593	11/24/1998		Leedy					
	5,592,018	1/7/1997		Leedy					
	5,592,007	1/7/1997		Leedy	/.				
	5,571,741	11/5/1996		Leedy					
·		FOREIG	SN PA	TENT DOCUMENTS					
	DOCUMENT						TRANSE	ATION	
	NUMBER	DATE		COUNTRY	CLASS	S SUBCLASS	YES	NO	
	отны	ART (Includin	g Aut	thor, Title, Date, Pertino	ent Pages, e	(c.)	,		
	1								
				L					
EXAMINER	EXAMINER Staretta Lagar DATE CONSIDERED 12/4/04								
EXAMINER: Ininot in conformance	itial if reference consid	dered, whether or	not ci	itation is in conformance	with MPEP ation to appl	609. Draw line icant.	through o	citation if	

	449 (Modified)		ATTY. DOCKET NO. FIS9-2003-0240	1				
	ENTS AND PUBLICA S INFORMATION DIS		APPLICANT: Kangguo CHENG, et al	APPLICANT: Kangguo CHENG, et al.				
(Use several sh	eets if necessary)		FILING DATE: [1] Concurrently Herewith	GROUP: 2812 Umssigned				
REFERENCE D	ESIGNATION	U.S. P	ATENT DOCUMENTS					
EXAMINER	DOCUMENT					FILING DATE		
INITIALS	NUMBER	DATE	NAME	CLAS	SUBCLASS	(IF APPRO.)		
SDF	5,557,122	9/17/1996	Shrivastava, et al.					
	5,354,695	10/11/1994	Leedy	+				
	5,134,085	7/28/1992	Gilgen, et al.	+-\-				
	5,006,913	4/9/1991	Sugahara, et al.	$\perp \perp$				
	4,952,524	8/28/1990	Lee, et al.		<u> </u>			
	4,855,245	8/8/1989	Neppl, et al.			<u>/</u>		
	2002/0086497	07-04-2002	Kwok					
	5,960,297	09-28-1999	Saki					
•	6,403,486	06-11-2002	Lou					
	6,284,623	09-04-2001	Zhang et al.					
	2003/0032261	02-13-2003	Yeh et al.	al.				
	2003/0057184	03-27-2003	Yu et al.					
	6,265,317	07-24-2001	Chiu et al.		/			
	2003/0067035	04-10-2003	Tews et al.		/			
	6,461,936	10-08-2002	von Ehrenwall	1				
	6,319,794	11-20-2001	Akatsu et al.	1/				
	2001/0009784	07-26-2001	Ma et al.	1/				
				1/				
		FOREIG	N PATENT DOCUMENTS	<u></u>				
	DOCUMENT NUMBER	DATE .	COUNTRY	CLASS		TRANSLATION YES NO		
						120 110		
· 	OTHE	ART (Including	Author, Title, Date, Pertine	nt Pages, e	tc.)			
EXAMINER .	EXAMINER DATE CONSIDERED 12/4/14							
EXAMINER: In	nitial if reference considered.	dered, whether or a	not citation is in conformance his form with next communica	with MPEP	609. Draw line	through citation if		

FORM PTO-1449 (Modified) LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT				ATTY. DOCKET NO. FIS9-2003-0240 APPLICANT: Kangguo CHENG, et al.				
REFERENCE I	DESIGNATION	U.S. 1	PATENT	DOCUMENTS				1
EXAMINER INTELS				NAME	CLASS	f .	DATE	
			>					
		7						
	<u> </u>	FOREIG	SN PATE	ENT DOCUMENTS	<u> </u>			
	DOCUMENT NUMBER	DATE		COUNTRY	CLASS		TRANSI YES	ATION
	ОТНЕ	R ART (Includin	g Autho	r, Title, Date, Pertiner	it Pages, e	c.)		
SOI	Kern Rim, et al., International Elec	"Transconducta ctron Devices M	nce Enh	nancement in Deep S 26, 8, 1, IEEE, Septer	ubmicron mber 1998	Strained-Si <i>n-</i> M	OSFET	s",
	Kern Rim, et al., 2002 Symposium	"Characteristics on VLSI Tech	and De	vice Design of Sub-1 Digest of Technical Pa	00 nm Strapers, IEE	ained Si N- and E, pp 98-99.		
	Gregory Scott, et Isolation Induced	al., "NMOS Dri Stress", Interna	ve Curre ational E	ent Reduction Caused lectron Devices Mee	by Trans ting, 34.4.	istor Layout and 1, IEEE, Septer	d Trench nber 199	n 99.
	Isolation Induced Stress", International Electron Devices Meeting, 34.4.1, IEEE, September 1999. F. Ootsuka, et al., "A Highly Dense, High-Performance 130nm node CMOS Technology for Large Scale System-on-a-Chip Application", International Electron Devices Meeting, 23.5.1, IEEE, April 2000.							
	Shinya Ito, et al., Transistor Design	"Mechanical Stra", International	ress Effe Electror	ect of Etch-Stop Nitric Devices Meeting, 10	le and its 0.7.1, IEEI	Impact on Deep E, April 2000.	Submi	cron
	Enhancement", I	nternational Elec	ctron De	ess Control (LMC): A vices Meeting, IEEE,	March 20	01		mance
	K. Ota, et al., "No International Elec	evel Locally Stra etron Devices M	ined Ch eeting, 2	annel Technique for l 2.2.1, IEEE, February	nigh Perfo 2002.	rmance 55nm C	CMOS",	
EXAMINER	Stanetta-	load		DATE CONSIDERE	,	1/04		
EXAMINER: Li	nitial if reference considence and not considered.	lered, whether or Include copy of	not citati this form	on is in conformance w	ith MPEP	609. Draw line t	hrough c	itation if